

05/09/01

1c808 U.S. PTO

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**PROVISIONAL APPLICATION FOR PATENT COVER SHEET**

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53 (c).

JC398 U.S. PTO

11/06/00  
09/09/0110/60/50  
05/09/01**INVENTOR(S)**

Given Name (first and middle (if any))	Family Name or Surname	Residence (City and either State or Foreign Country)
FREDRIC JOEL	HARRIS	2234 Debco Drive Lemon Grove, CA 91945

☐ Additional inventors are being named on the \_\_\_\_\_ separately numbered sheets attached hereto**TITLE OF THE INVENTION (280 characters max)**PRECURSIVE RE-SAMPLING DIGITAL FILTER STRUCTURE FOR  
DEMODULATING 3G CELLULAR SIGNALS

Direct all correspondence to:

**CORRESPONDENCE ADDRESS**☐ Customer NumberPlace Customer Number  
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☒ Firm or  
Individual Name

ROBERT A. BROWN, Attorney at Law

Address

P. O. Box 2127

Address

City

Northbrook

State

Illinois

ZIP

60065-2127

Country

U. S. A.

Telephone

847/272-3182

Fax

847/272-5424

**ENCLOSED APPLICATION PARTS (check all that apply)**☒ Specification Number of Pages

24

☒

Small Entity Statement—Small Business

☐ Drawing(s) Number of Sheets☒

X Assignment

X Other (specify)

Declaration-P/A

**METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT (check one)**☒ A check or money order is enclosed to cover the filing feesFILING FEE  
AMOUNT (\$)☒ The Commissioner is hereby authorized to charge filing  
fees or credit any overpayment to Deposit Account Number:

02-4240

\$75.00

The invention was made by an agency of the United States Government or under a contract with an agency of the  
United States Government.☒ No.☐ Yes, the name of the U.S. Government agency and the Government contract number are: \_\_\_\_\_

Respectfully submitted,

SIGNATURE

Robert A. Brown

Date 05/09/01

TYPED or PRINTED NAME

ROBERT A. BROWN

REGISTRATION NO.

(if appropriate)

26,149

TELEPHONE

847/272-3182

Docket Number:

HA-0109

**USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT**

This collection of information is required by 37 CFR 1.51. The information is used by the public to file (and by the PTO to process) a provisional application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the complete provisional application to the PTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C., 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Box Provisional Application, Assistant Commissioner for Patents, Washington, D.C., 20231.